

Ministry of Education and Science of Ukraine

ODESA STATE ACADEMY OF CIVIL ENGINEERING AND ARCHITECTURE

Architectural-Art Institute
Department of Architecture of Buildings and Structures
Department of Urban planning

SYLLABUS of educational component - OK 4

educational discipline CONCEPTUAL ARCHITECTURAL DESIGN

- Caacational a	iscipline CONCELLICAL ARCHITECTURAL DESIGN			
Educational level	Second (master's)			
Training program	Compulsory			
Branch of knowledge	19	Architecture and civil engineering		
Specialty	191	Architecture and urban planning		
Education program		Educational and scientific program «Architecture of Buildings and Structures »		
Scope of discipline		22,5 credits ECTS (675 academic hours)		
Types of classes activities	Practical lessons			
Individual and (or) group	1 semester	Abstract. Course project		
lessons	2 semester	Abstract. Course project		
	3 semester	Abstract. Course project		
Forms of semester	1 semester	Credit		
control	2 semester	Credit		
	3 semester	Credit		

Teachers:

Yaremenko Iryna Stepanivna – candidate of architecture, Professor of Department of Architecture of Buildings and Structures, <u>yaryomenkoirina.abs@ogasa.org.ua</u>

Kharitoniva Alina Anatolivna – candidate of architecture, Associate Professor of Department of Architecture of Buildings and Structures, alinaizaktau@gmail.com

Malashenkova Victoria Oleksandrivna – PhD, Associate Professor of Department of Architecture of Buildings and Structures, viklituchka@gmail.com

Shishkin Mikhaylo Ivanovich - candidate of technical sciences, Associate Professor of Department of Urban planning

In the process of studying this discipline, students get acquainted with the methodology and features of designing public, residential, industrial and urban planning objects. Students acquire skills in designing, for example, large spectacular buildings (theatre, concert hall), high-rise residential buildings, neighborhoods and residential blocks, factories and plants.

The prerequisites for studying the discipline are the preliminary study of the bachelor's training program of the disciplines "Architectural design", "Typology of buildings and structures", "Fundamentals of urban planning", "Computer technologies in architectural design", "Architectural constructions", "Construction of buildings and structures", "Engineering equipment of buildings".

Program learning rezaltes

- LR01. Have specialized conceptual knowledge that includes modern scientific achievements in the field of architecture and urban planning and is the basis for original thinking and conducting research.
- LR 02. Have the specialized skills/problem-solving skills necessary to conduct research and/or conduct innovative activities in the field of architecture and urban planning in order to develop new knowledge and procedures.
- LR 03. Carry out pre-project analysis of architectural and urban planning objects and territories.
- LR 04. To understand and apply in practical activities the theoretical and practical principles of designing innovative urban planning objects, residential, public, industrial buildings and structures, reconstruction and restoration of architectural objects, methods of achieving a rational architectural and planning, volume-spatial, constructive solution, ensuring socio-economic efficiency, environmental friendliness, energy efficiency.
- LR 05. Know, understand and evaluate the characteristics of modern construction materials, products and technologies, take into account their features when developing innovative design solutions for buildings and structures, in urban and landscape improvement projects, during the reconstruction and restoration of architectural and urban planning monuments.
- LR 06. To ensure the harmonization of architectural objects and the subject environment, in particular with the application of the principles and methods of the design theory of the architectural environment.
- LR 07. Carry out project modeling, choose digital technologies and software tools for solving problems of a research and innovation nature, develop and implement projects in the field of architecture and urban planning, prepare relevant scientific and technical documentation, make models and visual illustrative materials.
- LR 08. Organize work on complex architectural and urban planning projects, cooperation with customers and the public in the development, coordination and public discussion of architectural projects; it is understandable to convey one's own conclusions and arguments to specialists and non-specialists.

- LR 09. Apply energy-efficient and other innovative technologies when conducting scientific architectural and urban planning studies and making complex architectural and urban planning decisions.
- LR 10. Discuss the results of professional activities, research and innovative projects in the field of architecture and urban planning in national and foreign languages orally and in writing.
- LR 11. Make effective decisions in the field of architecture and urban planning, develop and compare alternatives, consider limitations, assess possible side effects and risks.
- LR 12. Know and apply in practice the legislation and regulatory framework regarding the conduct of research and development of architectural and urban planning projects.
- LR 13. To substantiate safety, sanitary-hygienic, ecological, engineering-technical and technical-economic solutions and indicators in complex architectural and urban planning.
- LR 14. To supervise the implementation of projects in the field of architecture and urban planning.
- LR 15. Analyze international and domestic experience in the design of architectural objects and urban planning.
- LR 16. Plan and carry out scientific research in the field of architecture and urban planning.
- LR 17. To teach special educational disciplines in architecture and urban planning in institutions of higher education.
- LR 18. To determine the methods of realization of a creative task taking into account the solution of complex architectural-artistic, functional-planning and constructive-technological tasks. Achieve the completion of all stages and stages of architectural and urban planning, the development of all sections of the complex project and the explanatory note within the set deadline.
- LR 19. Conduct an analysis of the urban historical context of the environment; apply the acquired theoretical knowledge on the problems of reconstruction and renovation of historical buildings in the development of architectural and urban planning project documentation; use optimal solutions in the field of reconstruction of urban areas and architectural objects.

Differentiated learning outcomes:

According to the requirements of the educational and professional program, students must

know:

- methods of implementation of a creative task, sequence and rules of implementation of project documentation;
- theoretical and practical foundations of urban design of complex development of residential areas, microdistricts (quarters);
- problems and methods of effective resolution of conflict situations in the formation of rural areas of the city;
 - basics of aesthetic perception of the environment;
 - features and directions of rational territorial development of the city;
 - the principles of using specific architectural and planning potential;

be able to:

- apply basic design methods to effectively solve a creative problem;
- collect, classify information for the project task;
- develop project documentation of the main types;
- develop projects of public, residential, industrial, urban planning, landscape objects, interiors, small architectural forms, etc.;
- to possess the methodology of functional zoning of the territory taking into account zones of different ranks (main, city-wide, district, local) and the formation of the street network of residential areas, taking into account the main directions of urban transport attraction in the city;
- independently apply design methods and regulatory requirements to the territorial and spatial structure of residential areas, microdistricts (quarters); to form a comfortable urban environment taking into account the full range of institutions and service enterprises;
- to develop the architectural and town-planning composition of the residential microdistrict, its functional basis, taking into account fire prevention, sanitary and hygienic requirements and environmental protection; to have a methodology for calculating the population density of residential quarters (residential group) with a full range of city services;
- to create an aesthetically attractive landscape design of residential areas of residential groups;
- apply modern technical means, elements of computer design in architectural design;
 - work with specialists in related fields;
 - to carry out partial author's supervision of the summary of designed objects;
 - prepare materials for drawing up an estimate.

Thematic plan of practical lessons

Names of themes Names of themes Practical Independent		Thematic plan of practical lessons	Numbe	r of hours
1 2 3 4	№p/p	Names of themes	proctical	indopondent
Development of a project of an industrial building with complex functional-technological and structural schemes. The options are a bakery, a cannery, a spinning and weaving factory, an auto assembly plant and a science and technology park (performed by the Department of Architecture of Buildings and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. Approval of sketches of the general plan and production building. Siscussion of closed works. Sketching of the administrative and household building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. 10 Together in the 1-st semester Course project N≥2 Task 1. Development of a residential microdistrict (block) for 15-20 thousand residents			•	_
Development of a project of an industrial building with complex functional-technological and structural schemes. The options are a bakery, a cannery, a spinning and weaving factory, an auto assembly plant and a science and technology park (performed by the Department of Architecture of Buildings and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise 12 10 Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. 1.8 Together in the 1-st semester 1.9 Course project №2 1.10 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1	2	3	4
Development of a project of an industrial building with complex functional-technological and structural schemes. The options are a bakery, a cannery, a spinning and weaving factory, an auto assembly plant and a science and technology park (performed by the Department of Architecture of Buildings and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project No. 2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
technological and structural schemes. The options are a bakery, a cannery, a spinning and weaving factory, an auto assembly plant and a science and technology park (performed by the Department of Architecture of Buildings and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project No.2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
spinning and weaving factory, an auto assembly plant and a science and technology park (performed by the Department of Architecture of Buildings and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project N ² 2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
technology park (performed by the Department of Architecture of Buildings and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise 12 10 Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. 1 Together in the 1-st semester 114 111 2 semester Course project No2 1 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents			•	•
and Structures) 1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
1.1 Issuance of the task. Compilation of an essay on the architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. 10 Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents			iteetare of	Dunanigs
architectural organization of enterprises in the chosen field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project No 2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.1	,	12	10
field. Study of the technological structure of the enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
enterprise. 1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
1.2 Site selection. Closed work No. 1 "Enterprise Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
Placement Scheme". Discussion of closed works, preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.2	-	12	10
preparation of an essay, search for an idea of an architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project No2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.2	_	12	10
architectural and spatial solution of the enterprise. 1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents		·		
1.3 Submitting an essay. Closed work No. 2 "Architectural and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
and spatial solution of the enterprise." Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.2		1.4	1.4
Discussion of closed works. Clarification of the situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.3		14	14
situational scheme, technological scheme, general plan. 1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
1.4 Development of variants of production building sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
sketches. Sketching according to the general plan and production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
production building. Approval of sketches of the general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.4		30	30
general plan and production building. 1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
1.5 Closed work No. 3 "Administrative and household building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents		1 -		
building". Discussion of closed works. Sketching of the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester 114 2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.5		28	28
the administrative and household building. 1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester 114 2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.3		20	20
1.6 Approval of the project. Drafting of the project. Designing the exposition, drawing up an explanatory note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester 2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
note. Exhibition of finished projects. Evaluation and discussion of works. Together in the 1-st semester 114 111 2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents	1.6		18	19
discussion of works. Together in the 1-st semester 114 111 2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents		Designing the exposition, drawing up an explanatory		
Together in the 1-st semester 114 111 2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents		_ v		
2 semester Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
Course project №2 Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents			114	111
Task 1. Development of a project for the planning and development of a residential microdistrict (block) for 15-20 thousand residents				
development of a residential microdistrict (block) for 15-20 thousand residents		_ ~		
15-20 thousand residents				
		-		
(performed by the Department of Urban Planning)		(performed by the Department of Urban Planning)		

design of a residential area, microdistrict (block) and pre-project analysis. Preparatory stage. 2.1 Studying the conditions of the project task. Site selection. Collection of materials (geosurveying, photofixation of the site). Study of normative and reference literature. Analysis of modern global design experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative development and graphic execution.		Section 1. Collection of initial information on the		
2.1 Studying the conditions of the project task. Site selection. Collection of materials (geosurveying, photofixation of the site). Study of normative and reference literature. Analysis of modern global design experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		design of a residential area, microdistrict (block) and		
2.1 Studying the conditions of the project task. Site selection. Collection of materials (geosurveying, photofixation of the site). Study of normative and reference literature. Analysis of modern global design experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the ascepted functional solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
selection. Collection of materials (geosurveying, photofixation of the site). Study of normative and reference literature. Analysis of modern global design experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative	2.1		6	6
reference literature. Analysis of modern global design experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		2 0		
reference literature. Analysis of modern global design experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		photofixation of the site). Study of normative and		
experience. 2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional zoning of the district. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		± • • • • • • • • • • • • • • • • • • •		
2.2 Pre-project studies. Calculation of the balance of the territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. Development of development plans for a residential microdistrict (block) based on the accepted functional solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		· · · · · · · · · · · · · · · · · · ·		
territory of the district. Development of a scheme for the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the accepted functional solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative	2.2	Pre-project studies. Calculation of the balance of the	6	6
the organization of public services in the district; placement of city transport stops. Identification of key design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		<u> </u>		
design problems of similar objects, analysis of the planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		placement of city transport stops. Identification of key		
planning of transport and pedestrian routes. 2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		<u> </u>		
2.3 Calculation of the balance of the territory of a residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
residential microdistrict (block) - determination of the area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative	2.3		4	6
area for residential buildings and parking lots (taking into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		· · · · · · · · · · · · · · · · · · ·		
into account its estimated number of floors); plots of enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		· · · · ·		
enterprises and public service institutions, engineering structures and green spaces. Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		· · ·		
Section 2. Sketch development of the planning and development of a residential microdistrict (block). Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential 4 microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
Performance of creative situational exercises (clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
(clausure). Stage of creative search. 2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		development of a residential microdistrict (block).		
2.4 Development of options for functional zoning of the territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		Performance of creative situational exercises		
territory of a residential microdistrict (block) taking into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		(clausure). Stage of creative search.		
into account the public service system. 2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative	2.4	Development of options for functional zoning of the	10	10
2.5 Development of options for the volume-spatial solution of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		territory of a residential microdistrict (block) taking		
of a residential microdistrict (block) based on the accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		into account the public service system.		
accepted functional zoning of the district. 2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative	2.5	Development of options for the volume-spatial solution	10	10
2.6 Development of development plans for a residential microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		of a residential microdistrict (block) based on the		
microdistrict (block) based on the adopted version of the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		accepted functional zoning of the district.		
the volume-spatial solution. Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative	2.6	Development of development plans for a residential	4	4
Section 3. Designing the graphic and text part of the sketch project of planning and development of a residential microdistrict (quarter). Stage of creative				
sketch project of planning and development of a residential microdistrict (quarter). Stage of creative		the volume-spatial solution.		
residential microdistrict (quarter). Stage of creative				
		sketch project of planning and development of a		
development and graphic execution.		residential microdistrict (quarter). Stage of creative		
		development and graphic execution.		
2.7 Clarification and detailing of the architectural and 8 10	2.7	-	8	10
planning solution of a residential microdistrict (block).		<u> </u>		
Implementation of the working layout.		Implementation of the working layout.		
2.8 Development of composition sketches and 6 6	2.8	Development of composition sketches and	6	6
implementation of the graphic part of the project (in		implementation of the graphic part of the project (in		
computer graphics).		computer graphics).		

	Section 4. Sketch development of the planning		
	structure of the residential group. Performance of		
	creative situational exercises (clausure).		
2.9	Collection of initial information for the design of a	4	6
	residential group with the development of landscaping		
	of the surrounding area. Analysis of modern trends in		
	the design of similar objects.		
2.10	Pre-project analysis. Development of variants of the	10	12
	volume-spatial solution of the elements of the		
	residential group.		
	Harmonization of the system of pedestrian and		
	transport traffic, taking into account the category of the		
	population with disabilities.		
	Development of options for aesthetically attractive		
	sustainable landscape design of the residential area of		
	the residential group.		
	Section 5. Designing the graphic and textual part of the		
	sketch project for the improvement of the residential		
	area of the residential group.		
2.11	Clarification and detailing of the architectural and	6	6
	planning decision of the residential group, equipment		
	of the territory.		
2.12	Designing the graphic and text part of the project.	6	6
	Total for task 1	80	90
	Course project №2		
	Task 2. Development of a project of a multi-storey		
	residential building. Variants – sectional house,		
	_		
	gallery-type house and others (performed by the		
2.12	gallery-type house and others (performed by the department of architecture of buildings and structures)		
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation,	8	8
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures)	8	8
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation,	8	8
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student	8	8
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a	8	8
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator	8	8
	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex".	-	Ü
2.13	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex". Discussion of closed works. Essay writing. Search for	8	8
2.14	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex". Discussion of closed works. Essay writing. Search for the idea of an architectural and planning solution.	8	10
	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex". Discussion of closed works. Essay writing. Search for the idea of an architectural and planning solution. Preparation and submission of the essay. Sketching	-	Ü
2.14	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex". Discussion of closed works. Essay writing. Search for the idea of an architectural and planning solution. Preparation and submission of the essay. Sketching according to plans, facades, sections of a residential	8	10
2.14	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex". Discussion of closed works. Essay writing. Search for the idea of an architectural and planning solution. Preparation and submission of the essay. Sketching according to plans, facades, sections of a residential building. Approval of sketches. Development of an	8	10
2.14	gallery-type house and others (performed by the department of architecture of buildings and structures) Issuance of the task. Introductory conversation, familiarization with real projects, examples of student projects. Issuance of the outline of the essay. Closed work "Architectural and planning solution of a multi-storey residential building with a stair-elevator complex". Discussion of closed works. Essay writing. Search for the idea of an architectural and planning solution. Preparation and submission of the essay. Sketching according to plans, facades, sections of a residential	8	10

2.16	Exposition sketch execution. Detailed development and graphic design of the project. Writing an explanatory	16	16
	note. Exhibition, assessment and discussion of projects.	40	= -
	Total for task 2	128	52
	Together in the 2-nd semester 3 semester	128	142
	Course project №3		
	Development of the project of a large spectacular		
	public building. Variants – a drama theater with a hall		
	for 1,000 seats, a concert complex with halls for 1,500		
	and 500 spectators, a sports complex with a universal		
	sports and demonstration hall (undertaken by the		
2.1	department of architecture of buildings and structures)	10	10
3.1	Issuance of the task. Introductory conversation,	12	10
	familiarization with architectural and technological		
	requirements for demonstration and spectator		
	complexes of premises, etc. Issuance of an essay plan,		
	drafting an essay.		
	Closed work No. 1 "Architectural and planning		
	solution of a large spectacular building", "Architectural		
	and planning solution of a sports complex with a		
2.2	universal sports and demonstration hall."	1.0	1.0
3.2	Discussion of closed works. Compilation and	12	10
	submission of an essay. Selection of the site for placing the building. Search for the idea of an		
	architectural and planning solution. Familiarization		
	tour to one of the Odessa theaters.		
3.3	Sketching according to plans, facades, sections, general	24	20
	plan of the site. Approval of sketches.		
3.4	Interior design of one of the main premises of the	30	26
	building. Clarification of the constructive decision.		
	Development of an exposition sketch. Detailed		
	development and graphic design of plans, facades,		
	sections, general site plan.		
3.5	Development and graphic design of perspective images	14	14
	of the building and interiors. Final design of the		
	project. Writing an explanatory note.		
3.6	Final design of the project. Exhibition, assessment and	4	4
	discussion of projects.		
	Together in the 3-rd semester	96	84
	In total in the 1-st, 2-nd and 3-rd semesters	338	337

Scoring criterias and diagnostics methods

The minimum grade level for successful completion of the credit in the academic discipline "Conceptual Architectural Design 1,2,3" is 60 points, the maximum is 100 points, and can be achieved by the following means of assessment:

Means of assessment		Minimum	Maximum
Type of control	Number per semester	number of scores	number of scores
PART 1, 1-st ser			
Execution of the essay	1	5	7
Execution of the essay Execution of Closed work No. 1 "Enterprise Placement	1	5	7
Scheme"	1	3	,
Execution of Closed work No. 2 "Architectural and planning solution of the enterprise"	1	5	9
Execution of Closed work No. 3 "Architectural and	1	5	7
planning solution of the administrative and household building"		-	
Writing an explanatory note	1	10	20
Execution of course project	1	30	50
Together		60	100
PART 11, 2-nd se	mester		1
Task 1			
Course project (execution and defense)	1	20	38
Closed works (execution and defense)	3	6	8
Essay (execution and defense)	1	4	5
Working layout (execution)	1	5	5
Participation in research work (report/presentation)	1		4
Total for task 1		36	60
Task 2			
Execution of the essay	1	3	4
Execution of the closed work	1	4	6
Writing an explanatory note	1	3	5
Execution of course project	1	14	25
Total for task 2		24	40
Together		60	100
PART 111, 3-rd so	emester		
Execution of the essay	1	10	15
Execution of the closed work	1	10	20
Writing an explanatory note	1	10	15
Execution of course project	1	30	50
Together		60	100

References

Basic literature

- 1. Методичні вказівки до виконання курсового проекту «Хлібозавод»/ Укладачі В.І.Вершинін, Н.С.Захаревська, І.М.Іванова. Одеса. ОДАБА, 2018.
- 2.Методичні вказівки до виконання курсового проекту «Науковотехнологічний парк» / Укладач В.І.Вершинін. Одеса. ОДАБА, 2018.
- 3. Методичні вказівки до виконання курсового проекту «Автоскладальний завод» / Укладачі Харитонова А.А., Іванова І.М. Одеса. ОДАБА, 2021.
- 4. Методичні вказівки до виконання курсового проекту «Консервний завод» / Укладачі Фесенко М.А., Єрмуракі О.І. Одеса. ОДАБА, 2021.
- 5. Методичні вказівки до виконання курсового проекту «Сміттєпереробний завод» / Укладачі Москалюк О.В., Дмитрієва Т.П., Коренецький О.В., Дмитрік Н.О. Одеса. ОДАБА, 2019.
- 6.Методичні вказівки і програма-завдання до розробки курсового проекту «Житловий квартал (мікрорайон) на 15-20 тисяч мешканців» / Укладачі Єксарьов В.А., Арсірій О.І. Одеса, ОДАБА, 2021. 36 с.
- 7. Методичні вказівки до виконання курсового проекту багатоповерхового житлового будинку/ Укладачі Бєльська Н.К., Панкратов В.М. Одеса. ОДАБА, 2021.
- 8. Методичні вказівки до виконання курсового проекту драматичного театру із залом на 1000 глядачів/ Укладачі Снядовський Ю.О., Захаревська Н.С., Долгіх Т.О. Одеса. ОДАБА, 2021.
- 9.Методичні рекомендації до виконання курсового проекту концертного дому/ Укладач Яременко І.С. Одеса. ОДАБА, 2022.
- 10.Методичні рекомендації до виконання курсових та дипломних проектів на тему «Спортивний комплекс з універсальним спортивно-демонстраційним залом» / Укладач Кравцов Д.С. Одеса. ОДАБА, 2022.
 - 11. ДБН В.2.2-15:2019 Житлові будинки. Основні положення.
 - 12. ДБН В.2.2-9:2018 Громадські будинки та споруди. Основні положення.
 - 13. ДБН В.2.2-16:2019 Культурно-видовищні та дозвіллєві заклади.
 - 14. ДБН Б.2.2-12:2019 Планування та забудова територій.

Additional sources of information

- 15. ДБН В.2.2-28:2010 Будинки і споруди. Будинки адміністративного та побутового призначення.
- 16.Містобудування. Довідник проектувальника. /Панченко Т.Ф. К.: Украрх-будінформ, 2001. 192 с.

- 17. Тимохін В.О. Основи містобудування: навч. посібн. / В.О. Тимохін. К., 1996. 197с.
- 18. Архітектурна типологія громадських будинків і споруд: підручник / [Л.М.Ковальський, А.Ю.Дмитренко, В.М.Лях та ін.] за загальною ред. д.архіт., проф. Л.М.Ковальського, к.т.н., доц. А.Ю.Дмитренка. –К., Інтерсервіс, 2018. 484 с.: іл.
- 19. Лінда С.М., Моркляник О.І. Типологія громадських будинків і споруд/ Підручник. Львів: Видавництво Львівської політехніки, 2015. 348 с.
- 20. Ежов В.И., Ежов С.В., Ежов Д.В. Архитектура общественных зданий и комплексов.- Киев, Вистка, 2006. -366 с.
- 21. Вершинин В. И. Эволюция архитектуры промышленных сооружений. Одесса, Астропринт, 2006.
- 22.Дідик В. В., Максим'юк Т. М. Естетика та композиція ландшафту. Проектування ландшафтних об'єктів: композиція та естетичні засади. Навчальний посібник. Львів: Вид-во Львівської політехніки, 2012. 244 с.
- 23. Кушніренко М.М. Методи передпроектного аналізу в містобудуванні. Навчальний посібник.К.,1996.164с.
- 24. Містобудівне проєктування. Частина ІІ: Проєктування структурних елементів міста. Навчальний посібник /Г.П. Петришин, Б.С. Посацький та ін. Львів: Вид-во Львівської політехніки, 2017. 288 с.